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Search Results -

Term	Documents
FIRST	7939843
FIRSTS	1087
VALUE	3848481
VALUES	1969006
SECOND	7143268
SECONDS	693614
VARIATION	1228318
VARIATIONS	1867703
((9 AND 8 AND VARIATION) AND ((FIRST ADJ VALUE) OR (SECOND ADJ VALUE))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6
(((FIRST ADJ VALUE) OR (SECOND ADJ VALUE)) AND VARIATION AND L9 AND L8).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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IBM Technical Disclosure Bulletins

Search:
L11

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Search History

DATE: Monday, June 25, 2007   Purge Queries   Printable Copy   Create Case

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side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L11   ((first adj value) or (second adj value)) and variation and L9 and L8   6   L11

L10	((first adj value) or (second adj value)) and variation	22203	L10
L9	(Diffusion adj Tensor)	204	L9
L8	(magnetic adj resonance) or MRi or NMR	254297	L8
L7	2003013659.pn.	4	L7
L6	2003013659	4	L6
L5	10055256	7	L5
L4	6996261	6	L4
L3	6614226	3	L3
L2	5539310	35	L2
L1	5539310.pn.	2	L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1.   Document ID: US 20050240097 A1   Relevance Rank: 71

L11: Entry 3 of 6   File: PGPB   Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050240097
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050240097 A1

TITLE: Inter-subject coherence in DT-MRI

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:
NAME   CITY   STATE   COUNTRY
Lange, Nicholas T.   Cambridge   MA   US

APPL-NO: 10/823816   [PALM]
DATE FILED: April 14, 2004

INT-CL-PUBLISHED: [07] G01V 3/00, A61B 5/05

INT-CL-CURRENT:
TYPE IPC   DATE
CIPS A61 B 5/05   20060101
CIPS G01 V 3/00   20060101

US-CL-PUBLISHED: 600/410; 324/309
US-CL-CURRENT: 600/410; 324/309

REPRESENTATIVE-FIGURES: 3

ABSTRACT:

A method for estimating a value of a diffusion tensor includes obtaining, from a
plurality of test subjects, DT-MRI data from which an initial estimate of the
tensor can be derived. Values indicative of int-subject variation and inter-subject
variation in the data are then determined. These values are used to determine a
subject-specific additive offset for adjusting the DT-MRI data.

┌ 2. Document ID: US 20070127794 A1   Relevance Rank: 62

L11: Entry 1 of 6   File: PGPB   Jun 7, 2007

PGPUB-DOCUMENT-NUMBER: 20070127794
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070127794 A1

TITLE: Reproducible objective quantification method to segment white matter
structures

PUBLICATION-DATE: June 7, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Niogi; Sumit Narayan	New York	NY	US
McCandliss; Bruce D.	New York	NY	US

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
Cornell Research Foundation, Inc.	Ithaca	NY	US	02

APPL-NO: 11/282270   [PALM]
DATE FILED: November 18, 2005

INT-CL-PUBLISHED:

TYPE	IPC	DATE	IPC-OLD
IPCP	G06K9/00	20060101	G06K009/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	G06 K 9/00	20060101

US-CL-PUBLISHED: 382/128
US-CL-CURRENT: 382/128

ABSTRACT:

The invention provides a reproducible, objective quantification technique that
reliably segments white matter structures. The technique receives a seed voxel
within the white matter structure from an individual, determines thresholds and
selection criteria, creates a binary mask based on the at least one threshold and
the at least one selection criteria and calculates the boundary of the white matter
structure based on the binary mask. A magnification factor is applied to each
component of the eigenvectors of voxels. Boundary voxels are determined wherein
each of the boundary voxels has a magnitude above a predetermined value and is
located next to a voxel having a magnitude below the predetermined value. A vector
is drawn from the seed voxel to a boundary voxel and the boundary voxels are
connected together, thereby forming the region of interest within the connected
boundary voxels.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3.   Document ID: US 20050033154 A1   Relevance Rank: 55

L11: Entry 4 of 6   File: PGPB   Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033154
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050033154 A1

TITLE: Methods for measurement of magnetic resonance signal perturbations

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:
NAME   CITY   STATE   COUNTRY
deCharms, Richard Christopher   Montara   CA   US

APPL-NO: 10/861786   [PALM]
DATE FILED: June 3, 2004

RELATED-US-APPL-DATA:
non-provisional-of-provisional 60475931 20030603 US

INT-CL-PUBLISHED: [07] A61B 5/05

INT-CL-CURRENT:
TYPE IPC   DATE
CIPP A61 B 5/05   20060101

US-CL-PUBLISHED: 600/410
US-CL-CURRENT: 600/410

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

The present invention relates to methods, software and systems for monitoring
fluctuations in magnetic resonance signals. These methods may be used for
measurements of the human brain and nervous system, and may be used for measuring
electric currents and electromagnetic fields internal to an object. This method may
include the use of a reference signal to accomplish differential recording of
electromagnetic fields from two or more spatial locations.

CROSS-REFERENCE

[0001] This application claims the benefit of U.S. Provisional Application,
entitled "Methods For Physiological Monitoring--EmfMRI," filed May 15, 2004 and
U.S. Provisional Application No. 60/475,931, filed Jun. 3, 2003.

[0002] This application is also related to the following co-pending patent
applications: U.S. Ser. No. 10/628,875, filed Jul. 28, 2003, now U.S. Publication
No. US-2004/0092809 A1, entitled "Methods for Measurement and Analysis of Brain
Activity", and U.S. Ser. No. 10/066,004, filed Jan. 30, 2002, now U.S. Publication
No. US-2002/0103429 A1, entitled "Methods for Physiological Monitoring, Training,
Exercise and Regulation", each of which is incorporated herein by reference in its
entirety."

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

    ☐ 4. Document ID: US 6751495 B2   Relevance Rank: 46

L11: Entry 6 of 6   File: USPT   Jun 15, 2004

US-PAT-NO: 6751495
DOCUMENT-IDENTIFIER: US 6751495 B2

TITLE: Method of fast and reliable tissue differentiation using diffusion-weighted
magnetic resonance imaging

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Maier; Stephan E.   Brookline   MA
Mulkern, Jr.; Robert V.   Waban   MA

ASSIGNEE-INFORMATION:
NAME   CITY   STATE ZIP CODE   COUNTRY   TYPE CODE
Brigham & Womens' Hospital   Boston   MA   02

APPL-NO: 09/822681   [PALM]
DATE FILED: March 30, 2001

PARENT-CASE:
This non-provisional application claims priority from United States Provisional
Patent Application Serial No. 60/193,619 filed Mar. 31, 2000.

INT-CL-ISSUED: [07] A61B 5/05, G01V 3/00

INT-CL-CURRENT:
TYPE IPC   DATE
CIPS G01 R 33/54   20060101
CIPN G01 R 33/563 20060101
CIPN A61 B 5/055   20060101
CIPS G01 R 33/56   20060101

US-CL-ISSUED: 600/410; 324/307
US-CL-CURRENT: 600/410; 324/307

FIELD-OF-CLASSIFICATION-SEARCH: 600/410, 600/411, 600/412, 600/413, 600/414, 600/415, 600/416, 600/417, 600/418, 600/419, 600/420, 600/421, 600/422, 600/423, 324/306, 324/307, 324/308, 324/309
See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5327884	July 1994	Hardy et al.	600/411
5786692	July 1998	Maier et al.	324/307
5899858	May 1999	Muthupillai et al.	600/410
6320378	November 2001	Maier et al.	324/307
6445184	September 2002	Tanttu	324/309
6501977	December 2002	Kimmlingen	600/410
6614225	September 2003	Feinberg	324/307

ART-UNIT: 3742

PRIMARY-EXAMINER: Robinson; Daniel

ATTY-AGENT-FIRM: Neuner; George W. Tucker; David A. Edwards & Angell, LLP

ABSTRACT:

Quantified differences, such as chi.sup.2 error parameters, between a mono-exponential, logarithmic best fit of a series of line scan diffusion-weighted magnetic resonance signals taken over a range of b-factors between about 100 and about 5000 sec/mm.sup.2 are obtained. The quantified differences so generated are displayed as an image wherein the brightness of each pixel depends upon the size of its associated quantified difference. The resulting image is characterized by high signal to noise ratio and distinctness between varying tissue types.

5 Claims, 17 Drawing figures

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐ 5.   Document ID: US 20010039377 A1   Relevance Rank: 46

L11: Entry 5 of 6   File: PGPB   Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039377
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010039377 A1

TITLE: Method of fast and reliable tissue differentiation using diffusion-weighted magnetic resonance imaging

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Maier, Stephan E.	Brookline	MA	US
Mulkern, Robert V. JR.	Waban	MA	US

APPL-NO: 09/822681   [PALM]
DATE FILED: March 30, 2001

RELATED-US-APPL-DATA:
non-provisional-of-provisional 60193619 20000331 US

INT-CL-PUBLISHED: [07] A61B 5/055

INT-CL-CURRENT:

TYPE	IPC			DATE
CIPN	A61	B	5/055	20060101
CIPS	G01	R	33/54	20060101
CIPS	G01	R	33/56	20060101
CIPN	G01	R	33/563	20060101

US-CL-PUBLISHED: 600/410; 382/131
US-CL-CURRENT: 600/410; 382/131

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

Quantified differences, such as chi.sup.2 error parameters, between a mono-exponential, logarithmic best fit of a series of line scan diffusion-weighted magnetic resonance signals taken over a range of b-factors between about 100 and about 5000 sec/mm.sup.2 are obtained. The quantified differences so generated are displayed as an image wherein the brightness of each pixel depends upon the size of its associated quantified difference. The resulting image is characterized by high signal to noise ratio and distinctness between varying tissue types.

[0001] This non-provisional application claims priority from United States Provisional Patent Application Serial No. 60/193,619 filed Mar. 31, 2000.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D‹ |

Γ 6. Document ID: US 20070112585 A1   Relevance Rank: 43

L11: Entry 2 of 6   File: PGPB   May 17, 2007

PGPUB-DOCUMENT-NUMBER: 20070112585
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070112585 A1

TITLE: Cognition analysis

PUBLICATION-DATE: May 17, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Breiter; Hans C.	Lincoln	MA	US
Gasic; Gregory	Wellesley	MA	US

APPL-NO: 10/566688   [PALM]
DATE FILED: August 2, 2004

RELATED-US-APPL-DATA:
us-provisional-application US 60492053 20030801

PCT-DATA:

DATE-FILED	APPL-NO	PUB-NO	PUB-DATE	371-DATE
Aug 2, 2004	PCT/US04/25146			Sep 25, 2006

INT-CL-PUBLISHED:

TYPE	IPC	DATE	IPC-OLD
IPCP	G06Q1/00	20060101	G06Q010/00
IPCS	G06Q5/00	20060101	G06Q050/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	G06 Q 10/00	20060101
CIPS	G06 Q 50/00	20060101

US-CL-PUBLISHED: 705/002
US-CL-CURRENT: 705/2

ABSTRACT:

Methods for evaluating information about the structure and function of neural circuits in the brain can be used for diagnosis and gene identification. Exemplary methods and data management features consolidate relationships within multi-dimensional complex data sets, erg., data sets that include systems biology measures, such as those obtained from neuroimaging, and, optionally also genetic measures, e.g., from the same individuals.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to U.S. Application Ser. No. 60/492,053, filed on 1 Aug. 2003, the contents of which is hereby incorporated by reference in its entirety.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Term	Documents
FIRST	7939843
FIRSTS	1087
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SECONDS	693614
VARIATION	1228318
VARIATIONS	1867703
((9 AND 8 AND VARIATION) AND ((FIRST ADJ VALUE) OR (SECOND ADJ VALUE))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6
(((FIRST ADJ VALUE) OR (SECOND ADJ VALUE)) AND VARIATION AND L9 AND L8).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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